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(54) Title: CARBON-FUELED FUEL CELL

(57) Abstract: A fuel cell in which carbon and water react to form hydrogen or water. The cells utilize electrolyte materials that hold or coordinate water to allow the useful reaction of carbon and water at moderate temperatures without the use of expensive pressure reactors. Activated carbon or carbon recovered from organic waste is used to fuel these cells to produce hydrogen gas or carbon dioxide and power at moderate temperatures and at very low cost.

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